

AMENDMENT NO. 2 NOVEMBER 2020

TO

IS 807 : 2006 DESIGN, ERECTION AND TESTING (STRUCTURAL PORTION) OF CRANES AND HOISTS — CODE OF PRACTICE

(Second Revision)

(Page 10, clause 7.1.2, equation) — Substitute the following for the existing equation:

$$Q = V_w^2/16$$

(Page 12, Fig. 8) — Substitute ‘Q’ for ‘Φ’.

(Page 16, clause 9.4.2, last sentence) — Substitute the following for the existing:

‘Classification of various joints to their degree of stress concentration (or notch effect) is given in Annex B.’

[Page 17, Table 18, Sl No. ii] — Asymmetrical slope, col No. 5] — Substitute ‘b’ for ‘d’.

(Page 21, Table 20) — Substitute the following for the existing:

Table 20 Life Factors (F_L)
(Clause 9.4.5)

Group of Cranes Notches	M1	M2	M3	M4	M5	M6	M7	M8
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>a . b</i>	1.7	1.4	1.4	1.2	1.2	1.1	1.1	1.1
<i>c . d</i>	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1

(Page 42, clause 22) — Substitute ‘The spacing (in cm) of vertical web stiffness shall not exceed’ for ‘The spacing of vertical web stiffness shall not exceed’.

[Page 42, clause 23, (see also Amendment No. 1)] — Substitute the following for the existing paragraph:

‘A substantial end tie must be provided to give horizontal fixed end for rigidity to girder. The girders square with the truck may be provided by the large gusset plate welded to the bottom of the truck and attached to the girders with tolerance-body bolts in reamed holes/High Strength Friction Grip (HSFG) bolts in clean hole.’

(Page 48, clause B-2) — Substitute the following for the existing clause:

‘B-2 BASE METAL’

The allowable tensile or compressive stresses of welded joints in the base metal shall be as per Table 16.’

[Page 48, clause B-4 b), third line] — Substitute ‘Table 42’ for ‘Table 37’.